DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that

My residence, post office address and citizenship are as stated below next to my name.

believe tam the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural ൗർണിടെ മൂല് listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: PHOTO-IMAGEABLE COMPOSITIONS OF NORBORNENE AND 1 7 2003 ACRYLATE COPOLYMERS AND USE THEREOF the specificali (check one) is attached hereto. \square was filed on _07/07/2003 ___ as Application Serial No. _10/614,502 and was amended on _____ (if applicable). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s) Priority Claimed (Country) (Day/Month/Year Filed) (Number) No Yes (Number) (Country) (Day/Month/Year Filed) Yes No (Day/Month/Year Filed) (Number) (Country) Yes Nο I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application: 09/930,197 Aug. 16, 2001 Patented (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned) 09/565,137 May 5, 2000 Patented (Filing Date) (Application Serial No.) (Status: patented, pending, abandoned) 09/099,070 June 17, 1998 Patented (Application Serial No.) (Filing Date) (Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith: Bermark Berman, Reg. No. 37,279; Anthony J. DeLaurentis, Reg. No. 24,757; Daniel J. Hudak, Reg. No. 25,879; Laura F. Shunk, Reg. No. 31,423; Cheryl L. Farine, Reg. No. 36,796; .Nestor W. Shust, Reg. No. 23,034, Michele M. Tyrpak, Reg. No. 42,192; and Daniel J. Hudak, Jr., Reg. No. 47,669.

(Status: patented, pending, abandoned)

Abandoned

Address all telephone calls to: Nestor W. Shust at telephone No. (330) 535-2220

June 18, 1997

(Filing Date)

Address all correspondence to: HUDAK, SHUNK & FARINE CO. LPA 2020 Front Street, Suite 307 Cuyahoga Falls, Ohio 44221

60/050,107

(Application Serial No.)

FIRST OR SOLE Inventor(s) Signature My 7 Mulu Date Nov 7 2003

Inventor(s) Typed Name: <u>Larry F. Rhodes</u> Citizenship: <u>USA</u>

Residence (City): Silver Lake State/Foreign Country: Ohio

Post Office Address: 3036 Vincent Road, Silver Lake, OH 44224

SECOND

Inventor(s) Signature ____(

Inventor(s) Typed Name: Larry Sege

Larry Seger ♥ Citizenship: USA
Sates Mills State/Foreign Country: Ohio

Residence (City): _____ Gates Mills ____ State/Foreign
Post Office Address: ____991 Chagrin River Rd Gates Mills Ohio 44040

THIRD Inventor(s) Signature		Date	
Inventor(s) Typed Name:	Ayusman Sen		Citizenship: USA
Residence (City):	University Park		State/Foreign Country: <u>PA</u>
Post Office Address:	Dept. of Chemistry	The Pennsylvania S	State University, University
	Park Pennsylvania	a 16802	, , , , , , , , , , , , , , , , , , ,

FOURTH			
Inventor(s) Signature		_ Date	
Inventor(s) Typed Name:	April Hennis Marchetti	Citizenship: USA	
Residence (City):	Ashland	_ State/Foreign Country: ⊻A	
Post Office Address:	413 Henry Clay Road, Ashla	and, Virginia 23005	



As a below named invertor / thereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole invertor (if only one name is listed below) or an original, first and joint invertor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PHOTO-IMAGEABLE COMPOSITIONS OF NORBORNENE AND ACRYLATE COPOLYMERS AND USE THEREOF

the specification of which				
(check one) is attached	i hereto.			
·	_07/07/2003as Ap	oplication Serial No10/614,502		
and was am	nended on	(if applicable).		
I hereby state that I have rev amendment referred to above		e contents of the above-identified spe	edication, including	the claims, as amended by any
I acknowledge the duty to disc Regulations, §1.56(a).	close information which is	material to the examination of this ap	plication in accorda	nce with Title 37, Code of Federal
, ,		nited States Code, §119 of any foreign tion for patent or inventor's certificate ha	., ,, ,	
Prior Foreign Application(s)				Priority Claimed
(Number)	(Courtry)	(DayMonth/Year Filed)	Yes	No
(Number)	(Courtry)	(Day/Month/Year Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
each of the claims of this appl United States Code, §112, I ad	ication is not disclosed in knowledge the duty to disc	Code, §120 of any United States applicati the prior United States application in the close material information as defined in and the national or PCT international fili	he manner provided Title37, Code of Fe	by the first paragraph of Title 35, ederal Regulations, §1.56(a) which
09/930,197	Aug. 16, 2001	Patented		
(Application Serial No.)	(Filing Date)	(Status: patented, pending, aba	ndoned)	
09/565,137	May 5, 2000	Patented		
(Application Serial No.)	(Filing Date)	(Status: patented, pending, aba	ndoned)	
09/099,070	June 17, 1998	Patented		
(Application Serial No.)	(Filing Date)	(Status: patented, pending, aba	ndoned)	
60/050 107	luno 19, 1007	Abandanad		
60/050,107 (Application Serial No.)	<u>June 18, 1997</u> (Filing Date)	Abandoned (Status: patented, pending, aba	ndoned)	
I hereby appoint the following connected herewith: Bernard	attomey(s) and or agent(s Berman, Reg. No. 37,279	s) to prosecute this application and to tra ; Anthony J. DeLaurentis, Reg. No. 24,7: estor W. Shust, Reg. No. 23,034, Miche	insact all business in 57; Daniel J. Hudak,	Reg. No. 25,879; Laura F. Shunk,
Address all telephone calls to	: Nestor W. Shust	at telephone No. (330) 535-2220		
Address all correspondence to: HUDAK SHUNK & FARINE CO. LPA 2020 Front Street, Suite 307 Cuyahoga Falls. Ohio 44221				

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may incorrdize the validity of the

DECLARATION AND POA FOR PATENT APPLICATION, page 2

	FIRST OR SOLE	
	Inventor(s) Signature Date	
	Inventor(s) Typed Name: Larry F. Rhodes Ctizenship: USA Residence (City): Silver Lake State/Foreign C Post Office Address: 3036 Vincent Road, Silver Lake, OH 44224	Country: <u>Ohio</u>
Date	SECOND Inventor(s) Signature	
	Inventor(s) Typed Name: <u>Larry Seger</u> Citizenship: <u>U</u>	
	Residence (City): <u>Gates Mills</u> State/Foreign Co	ountry: <u>Ohio</u>
	THIRD Inventor(s) Signature	4/03
	Inventor(s) Typed Name: Ayusman Sen Citizenship: I	JSA
	Residence (City): University Park State/Foreign	
	Post Office Address: <u>Dept. of Chemistry, The Pennsylvania State Univers</u> <u>Park, Pennsylvania 16802</u>	<u>sity, University</u>
	FOURTH Inventor(s) Signature Date	
	Inventor(s) Typed Name: <u>April Hennis Marchetti</u> Citizenship:	USA
	Residence (City): Ashland State/Foreign	
	Post Office Address: 413 Henry Clay Road, Ashland, Virginia 23005	

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: PHOTO-IMAGEABLE COMPOSITIONS OF NORBORNENE AND ACRYLATE COPOLYMERS AND USE THEREOF 1 7 2003 the specification of which is attached hereto. \times was filed on __07/07/2003__ as Application Serial No. <u>10/614,502</u> and was amended on (if applicable). I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: Prior Foreign Application(s) Priority Claimed (Day/Month/Year Filed) (Number) (Country) Yes No (Day/Month/Year Filed) (Number) (Country) Yes No (Day/Month/Year Filed) (Country) Yes (Number) No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

09/930,197	<u> Aug. 16, 2001</u>	<u>Patented</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
09/565,137	May 5, 2000	<u>Patented</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
09/099,070	June 17, 1998	<u>Patented</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)
60/050,107	<u>June 18, 1997</u>	<u>Abandoned</u>
(Application Serial No.)	(Filing Date)	(Status: patented, pending, abandoned)

I hereby appoint the following attorney(s) and or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith: Bernard Berman, Reg. No. 37,279; Anthony J. DeLaurentis, Reg. No. 24,757; Daniel J. Hudak, Reg. No. 25,879; Laura F. Shunk, Reg. No. 31,423; Cheryl L. Farine, Reg. No. 36,796; .Nestor W. Shust, Reg. No. 23,034, Michele M. Tyrpak, Reg. No. 42,192; and Daniel J. Hudak, Jr., Reg. No. 47,669.

Address all telephone calls to: Nestor W. Shust at telephone No. (330) 535-2220

Address all correspondence to: HUDAK, SHUNK & FARINE CO. LPA 2020 Front Street, Suite 307 Cuyahoga Falls, Ohio 44221

	Inventor(s) Signature	to Marie Constitution of the Constitution of t		_ Date	
	Inventor(s) Typed Name:	Larry F. Rhodes	Citizer	ship: <u>USA</u>	
	Residence (City):	Silver Lake		State/Foreig	n Country
<u>Ohio</u>	Post Office Address:	3036 Vincent Road, Silve	r Lake, OH	44224	
	SECOND				
	Inventor(s) Signature	***			
Date					
	Inventor(s) Typed Name:	Larry Seger		Citizenship:	<u>USA</u>
	Residence (City):	Gates Mills		State/Foreign	Country:
Ohio	Post Office Address:	991 Chagrin River Rd., Gat	es Mills. O	hio 44040	

THIRD

Inventor(s) Signature

Date

Inventor(s) Typed Name:

Ayusman Sen

Citizenship: USA

Residence (City):

University Park

State/Foreign Country: PA

Post Office Address:

Dept. of Chemistry, The Pennsylvania State University, University

Park, Pennsylvania 16802

FOURTH

Inventor(s) Signature

Residence (City):

Inventor(s) Typed Name:

Ashland

State/Foreign Country: VA

Citizenship: USA

Post Office Address: 413 Henry Clay Road, Ashland, Virginia 23005